

PORTABLE INFRARED HEATER



SP-HI1500R/RC/RB

OPEN BOX AND ASSEMBLY

Porta Del Sol heat packed with:

1. Wood cabinet heater x 1
2. Casters x 4
3. Remote control x 1
4. Battery for Remote x 2
5. User manual x 1
6. Warranty card x 1

SPECIFICATION

Voltage 120V

Frequency 60Hz

Current 13A

Power 1500W

☐ First, please make sure you have removed all the plastic cover from the heater cabinet, make sure there is no any project to block air intake and vent. Reference our safety instruction and heater placement suggestion to set the heater cabinet.

☐ Plug into 120V/60Hz 15Amp or higher Amp US standard household receptacle. Please reference our safety instruction.

☐ Turned on the master power switch 1

☐ Front LCD display panel should display you room temperature

☐ Using remote control “?” or Front system control panel to set up. Please see follow system setup procedure.

CONTROL SYSTEMS OPERATION

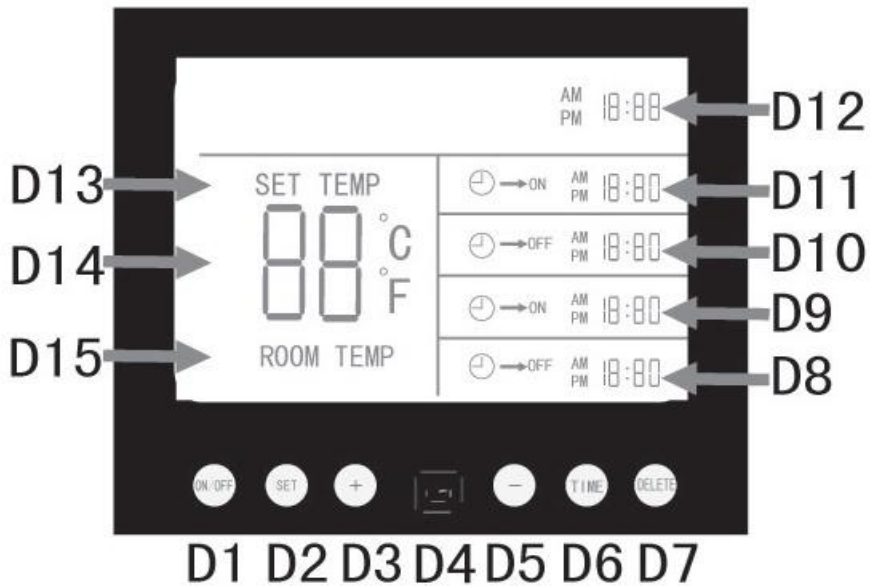
GENERAL OPERATION

Located on the front of the heater is a control panel / display screen. Simply press the

POWER ON OFF (D1) button. If using the remote control, simply press the POWER ON

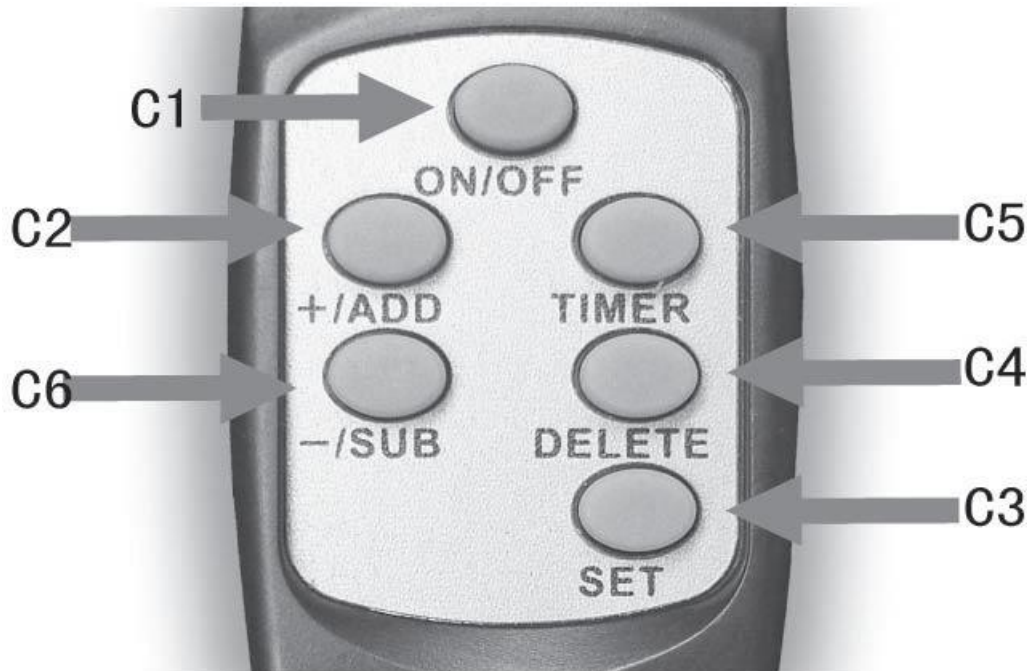
/OFF (C1) button and the unit will turn on.

CONTROL AND DISPLAY PANEL



- (D1) POWER ON/OFF
- (D2) CLOCK SET/TIME SET
- (D3) INCREASE +
- (D4) REMOTE SENSOR
- (D5) DECREASE -
- (D6) TIMER SELECT
- (D7) TIMER DELETE
- (D8) OFF TIMER
- (D9) ON TIMER
- (D10) OFF TIMER
- (D11) ON TIMER
- (D12) CLOCK
- (D13) SET TEMP.
- (D14) TEMPERATURE
- (D15) ROOM TEM

REMOTE CONTROL



- (C1) POWER ON/OFF
- (C2) INCREASE +
- (C3) CLOCK/TIMER SET
- (C4) TIMER DELETE
- (C5) TIMER SELECT
- (C6) DECREASE –

SET DESIRED TEMPERATURE

To set the desired temperature that you want the heater to maintain, simply press the + (D3) or the – (D5) button to move the desired set temp up or down. If using the REMOTE, simply press the (C2) or the (C6) to set the temp. After a few seconds the set temp display will stop flashing and the heating elements will be turned on. In about one minute, the fan will be on to delivery warmed air from front vent.

Note: After setting the desired temperature & the displayed digit stops flashing. The actual room air temperature will be displayed. To check set temperature at any time by simply press the + or – button on the control panel or remote control.

Once the room temperature reaches the desired setting, the thermostat will maintain your desired comfort setting by turning the heating elements on and off automatically. If you do not need the heater to run, simply press the power on/off button (D1 or C1 on remote) to turn it off.

The fan will continue to run until the heating elements inside cools down.

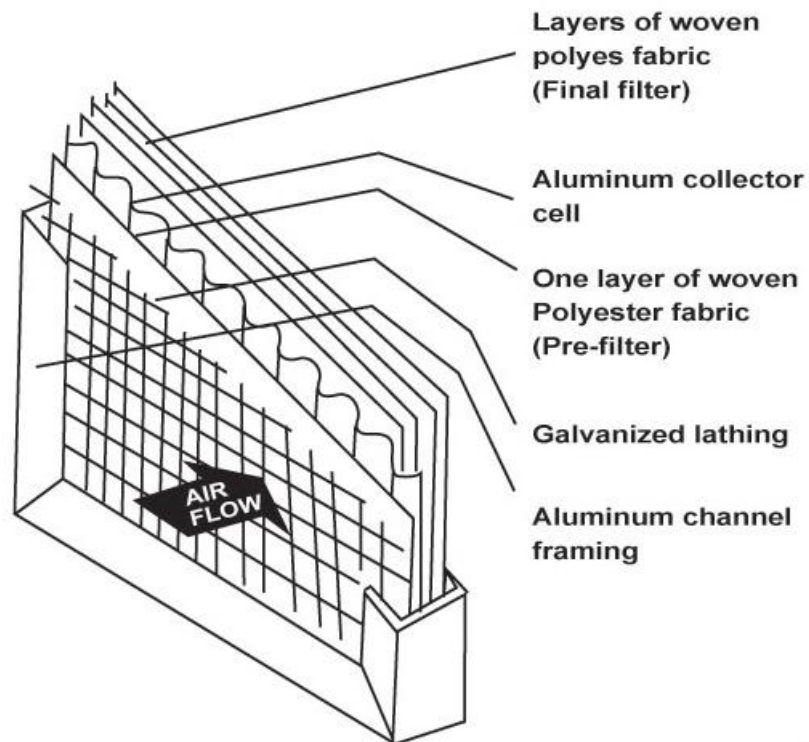
The heater is equipped with an internal safety switch that cuts off power to the infrared heating tubes if airflow is blocked to the unit. To restore power to the heating tubes, remove power cord from wall outlet and let the unit cool down for approximately 20 minutes before plugging power cord back into the wall outlet. Then perform previous power on procedures. If the heater has cooled sufficiently the safety switch will automatically reset and the heating tubes will begin to work again.

FILTER MAINTENANCE

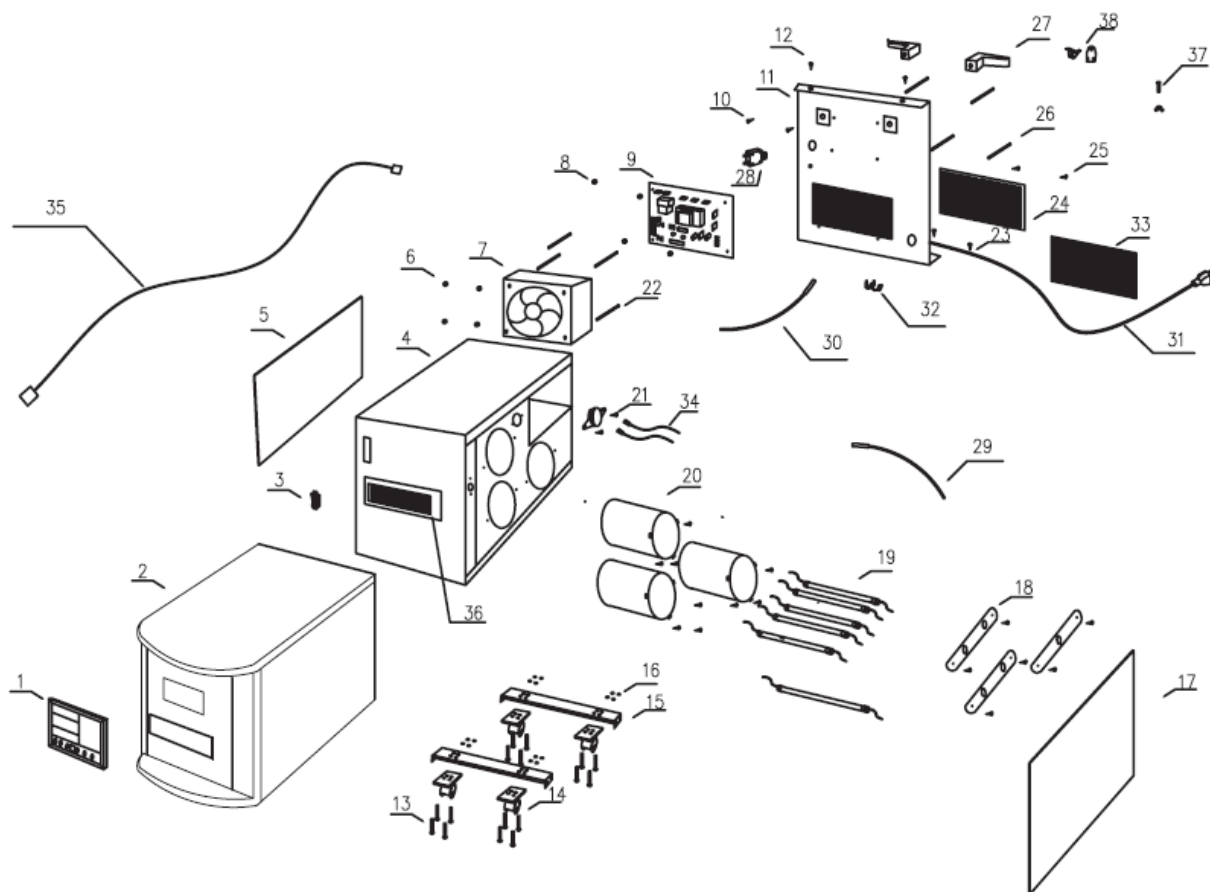
STATIC FILTER SYSTEM

The Heater Heating System comes equipped with a lifetime washable static filter which is easy to clean. The manufacture recommends the filter be cleaned once a month or as needed. To do this, follow these steps:

1. Remove the filter from the rear of the unit by remove the screws on the filter cover.
2. Run warm tap water over the filter, the opposite direction of air flow, until sufficiently clear or dirt and dust. A small amount of mild detergent may be used.
3. Shake the filter until excess water is removed.
4. Let dry. Replace the filter to the rear of the unit.



Parts Listing



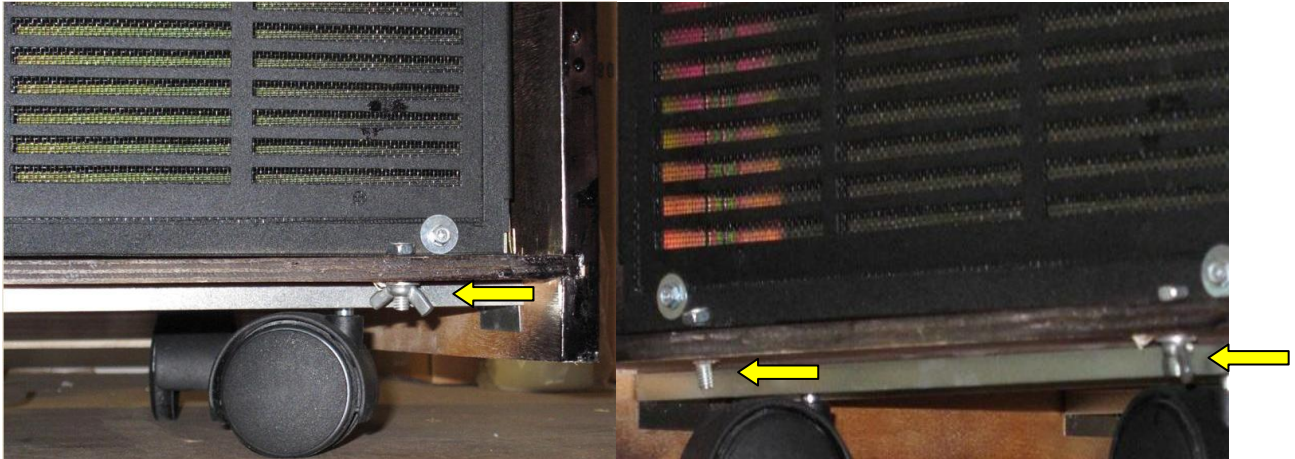
Part No. Description

HI1500-1 LED Display
 HI1500-2 Wooden Shell
 HI1500-3 Power Switch
 HI1500-4 Zinc Plating Shell
 HI1500-5 Zinc Plating(Left)
 HI1500-6 Nut
 HI1500-7 Duct Fan
 HI1500-8 Nut
 HI1500-9 Circuit Board
 HI1500-10 Self-drilling Screws
 HI1500-11 Rear Cover Plate
 HI1500-12 Self-drilling Screws
 HI1500-13 Screw
 HI1500-14 Free Wheel
 HI1500-15 Retaining Plate
 HI1500-16 Nut
 HI1500-17 Zinc Plating(Right)
 HI1500-18 Heater Retaining Plate
 HI1500-19 Quartzose Heating Tube
 HI1500-20 Bellows

HI1500-21 TDS
 HI1500-22 Bolt
 HI1500-23 Self-drilling Screws
 HI1500-24 Air Inlet Filter Plate
 HI1500-25 Self-drilling Screws
 HI1500-26 Screw
 HI1500-27 Power Cord Bracket
 HI1500-28 Circuit Breaker
 HI1500-29 Temperature Sensor 1
 HI1500-30 Temperature Sensor 2
 HI1500-31 Power Cord
 HI1500-32 Cord Clamp
 HI1500-33 Filter Netting
 HI1500-34 Thermostat Connecting Line
 HI1500-35 PCB/FPC & LED Connecting Line
 HI1500-36 Air Outlet Vestee
 HI1500-37 Screws (nether)
 HI1500-38 Screws (upper)

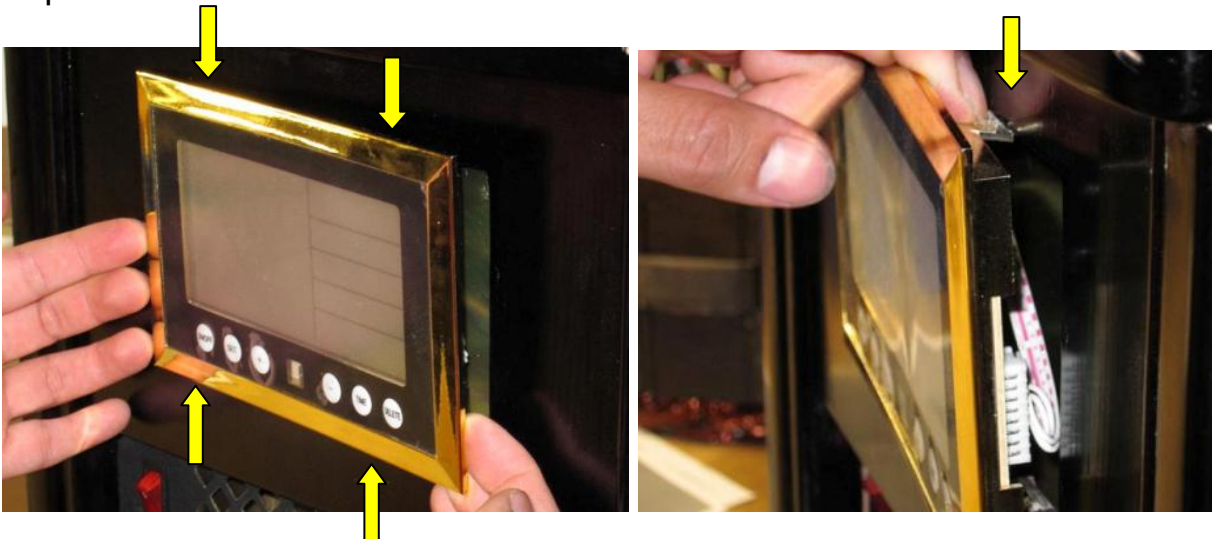
How to rewire fan control

1. Start by removing the back bottom wing nuts on each corner (qty2)

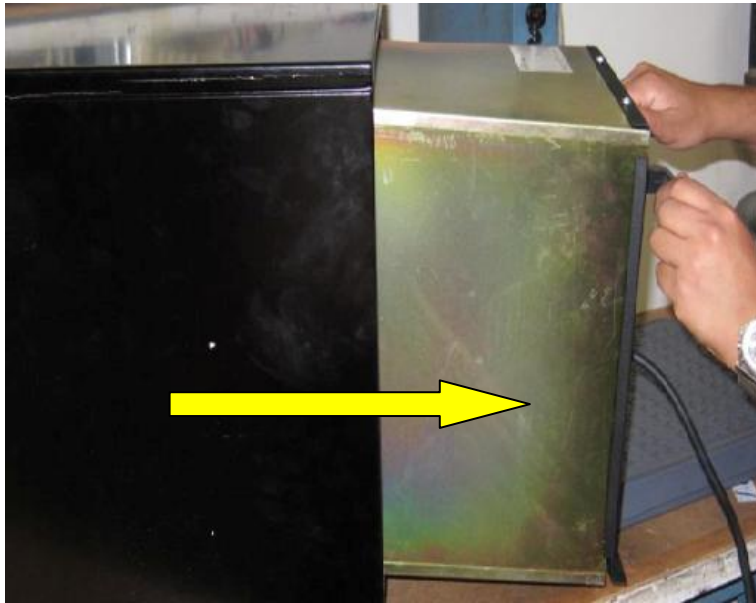


2. Remove Control Panel & Display, this panel has four clips 2 on top and 2 on bottom, the Control Panel is pressed in. Once loose, place in safe area without removing any of the wiring.

Clip locations



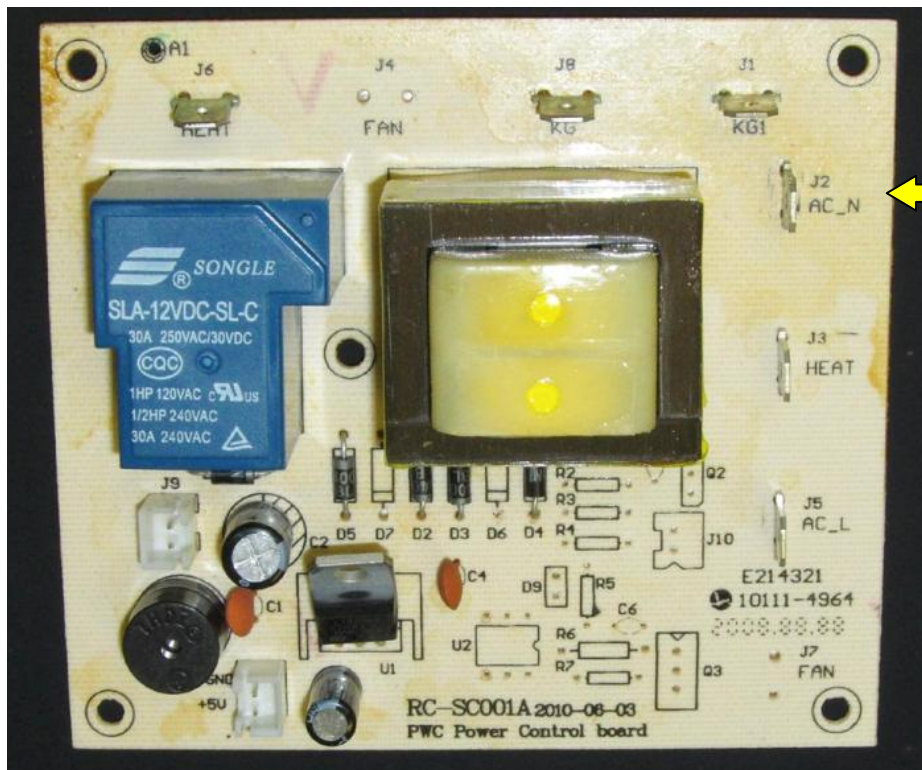
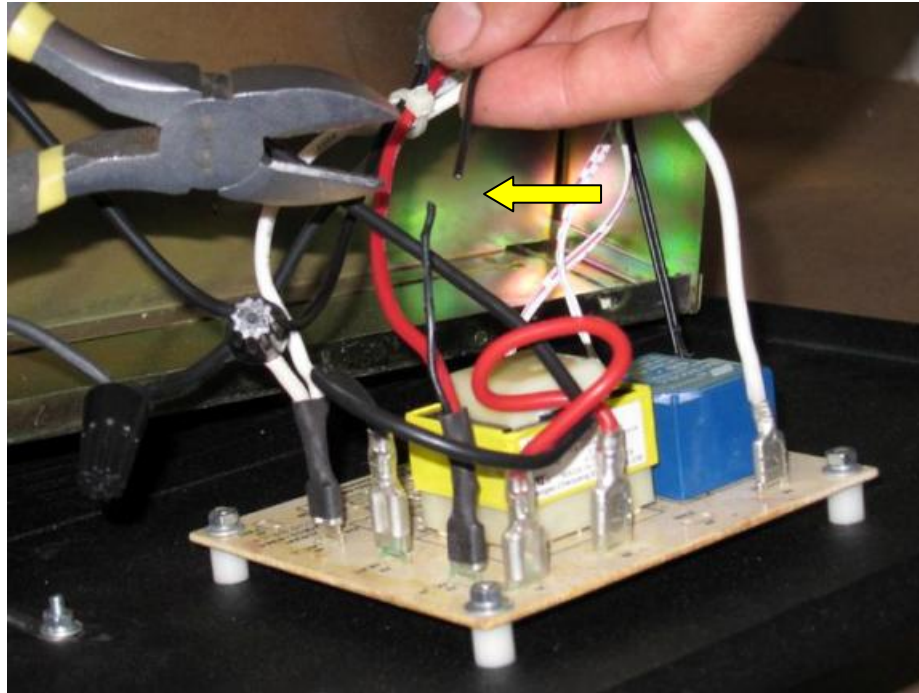
3. Refer back to the other end of the heater and pull gently. Do not to damage the Control Panel (attached together).



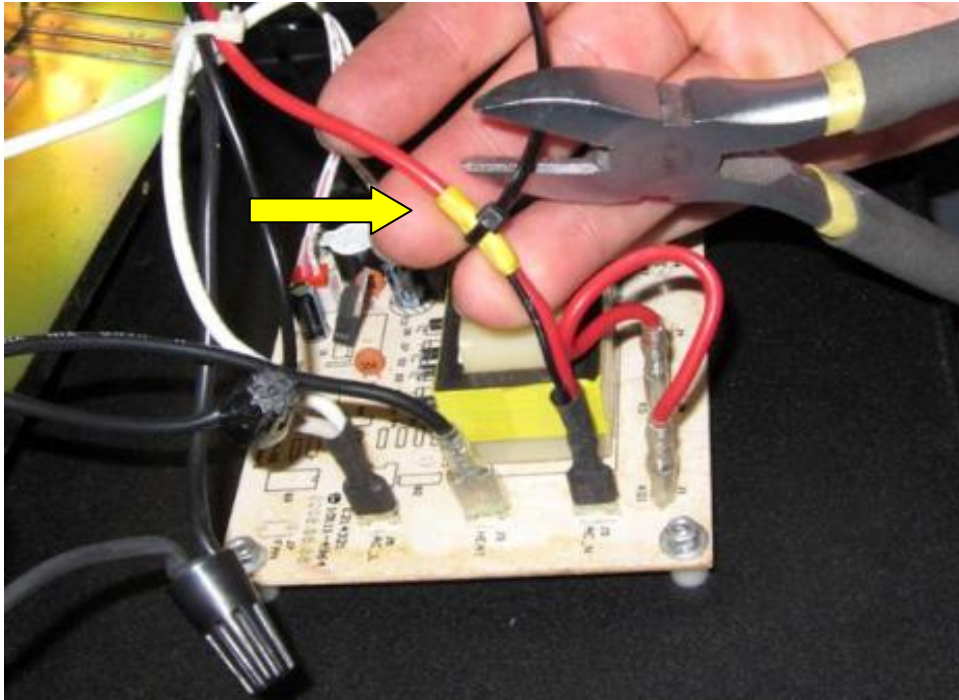
4. Remove the four 6mm screws (Phillips)



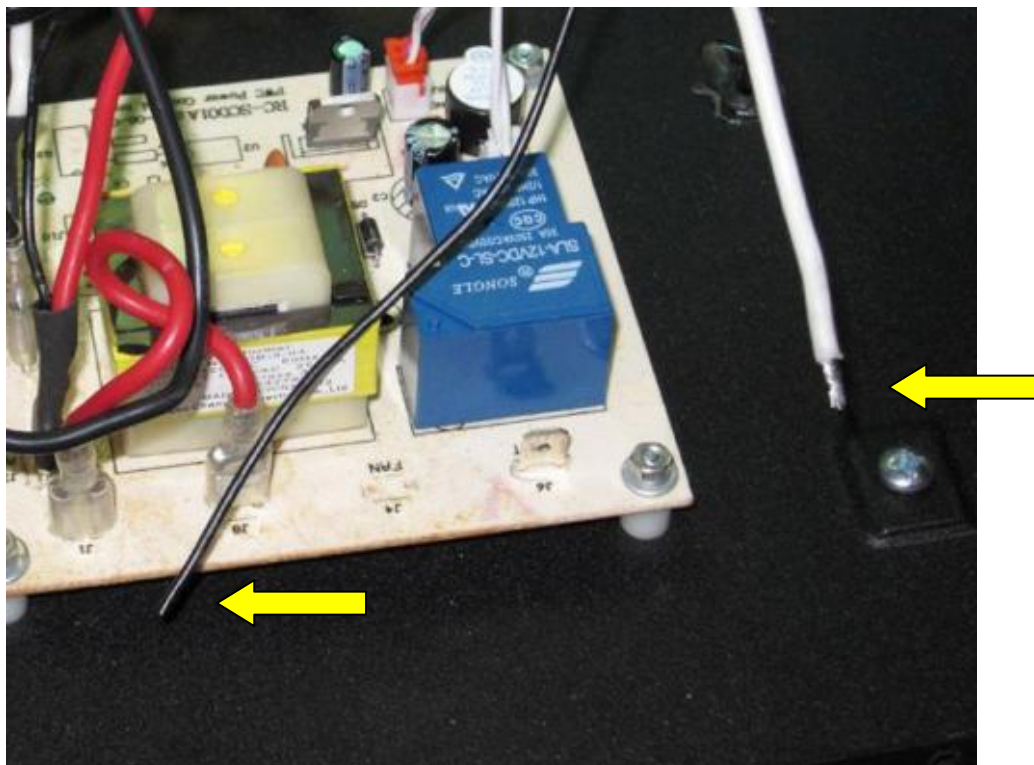
5. Place the back cover with the control plate down on a flat surface, and cut the black wire (J2 AC_N) towards the end where the connector is.



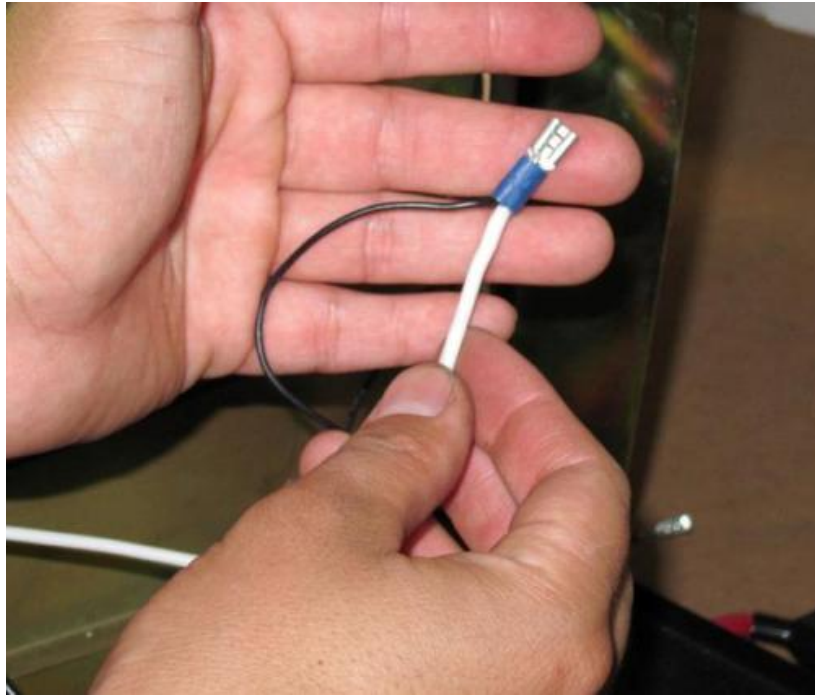
6. Once cut, apply electrical tape and zip tie together to red wire to secure it.



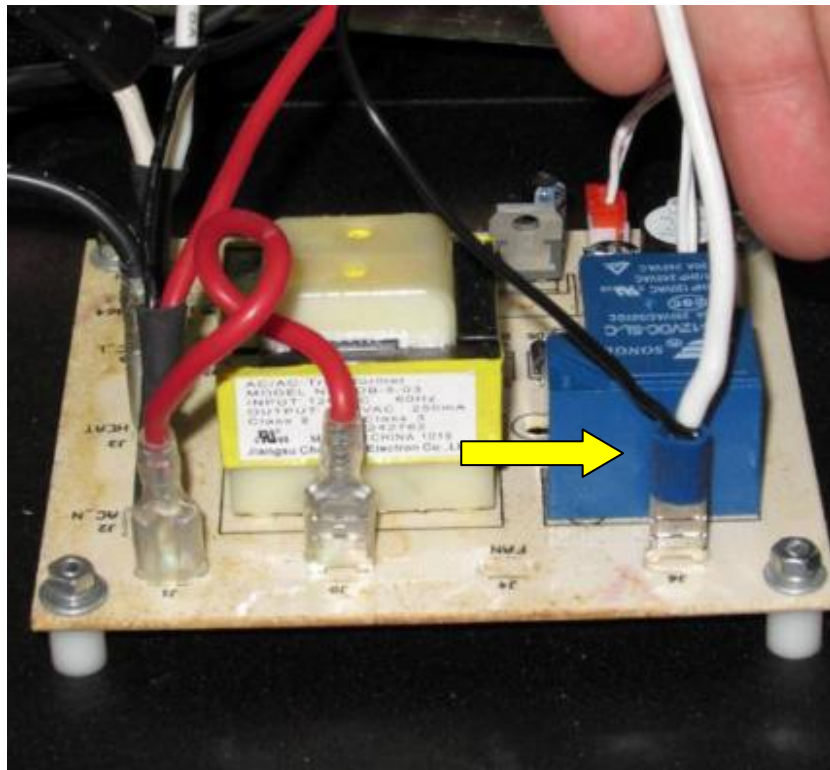
7. A. The loose black wire needs to be attached to the white wire (J6 HEAT) and make contact (expose wiring on both ends, black and white to meet into spade connector).



- B. Push On Terminal used is 16-14.Ga./Cal. 6,35mm (1/4") Female Disconnect-PVC.



- C. See picture above for (J6 HEAT) location



8. Assembly is the reverse of disassembly. Make sure Heat sensor wire on back is in place thru the outside of the Heater Housing and not in the inside.

